

FIG. 1

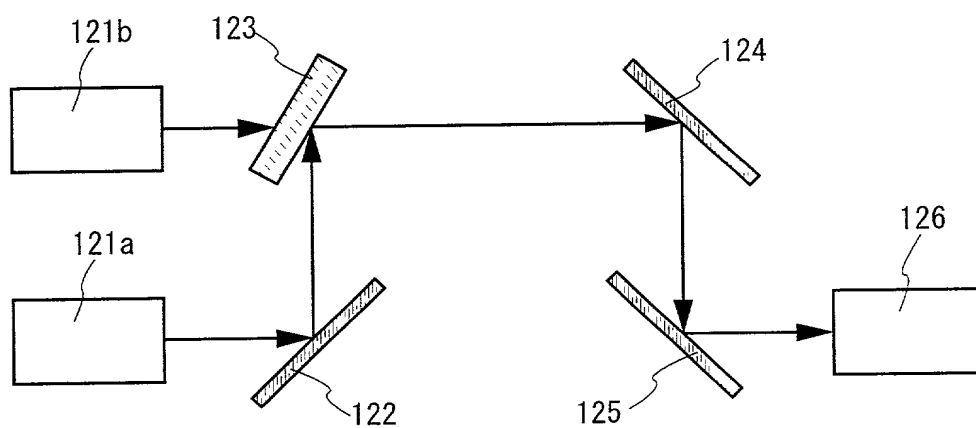


FIG. 2

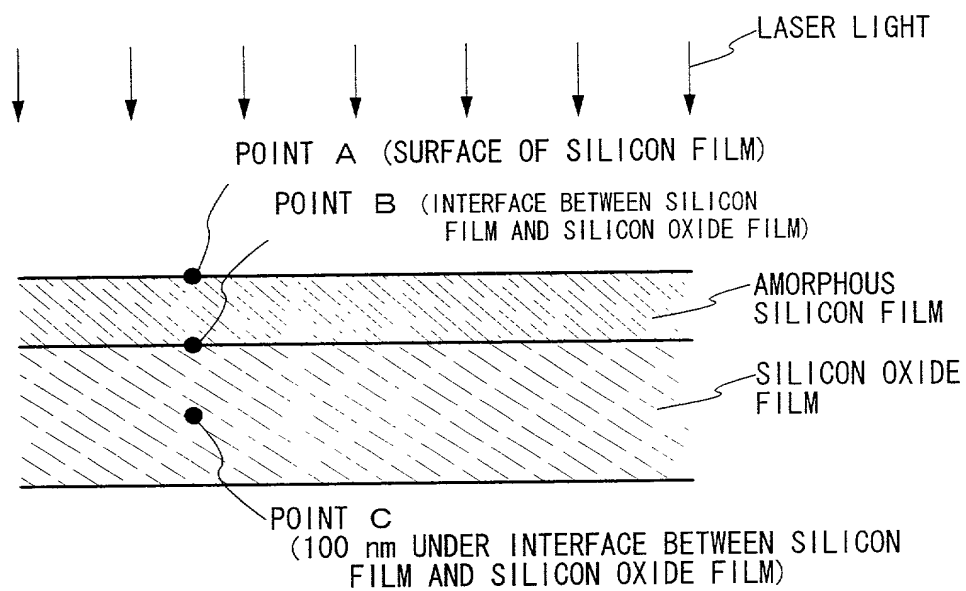
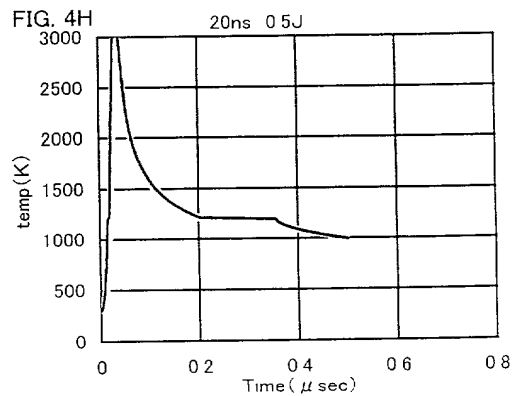
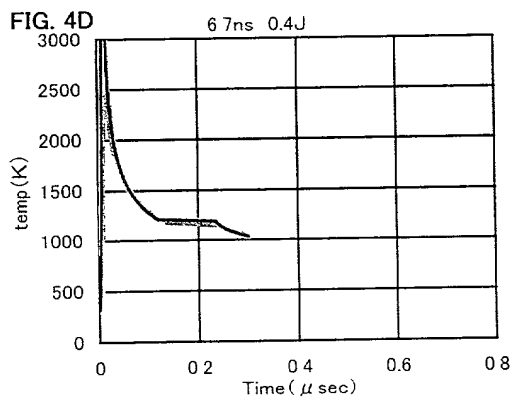
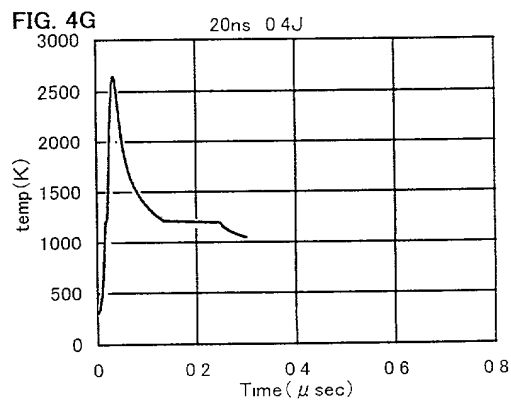
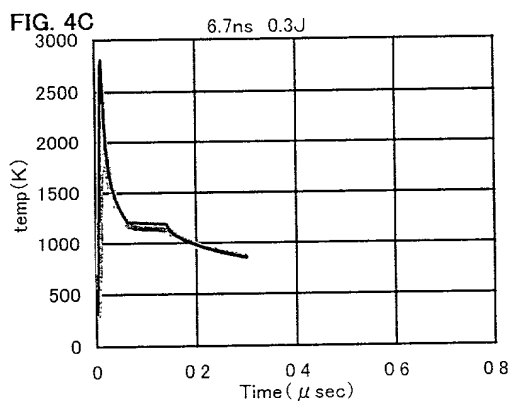
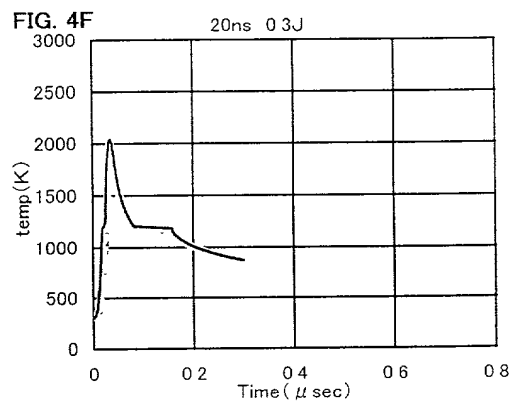
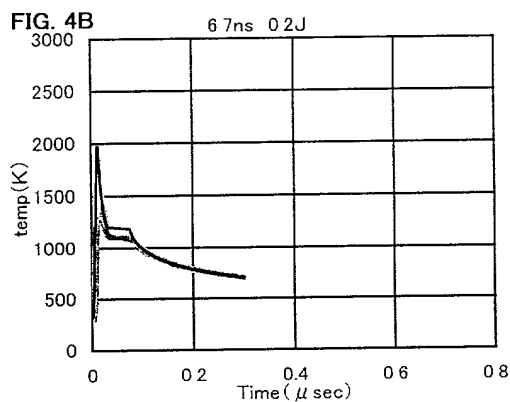
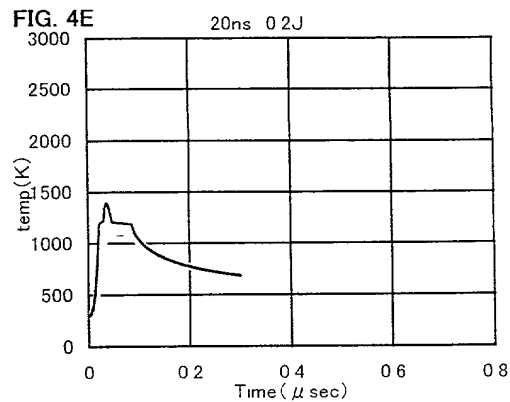
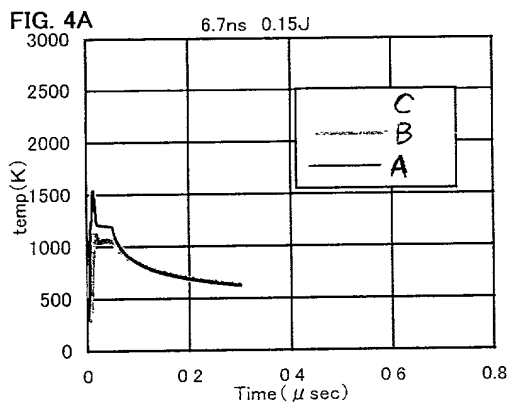
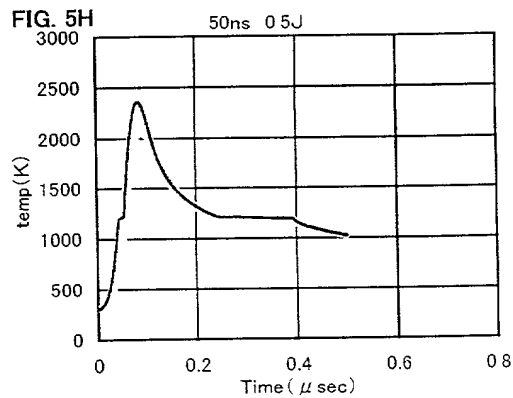
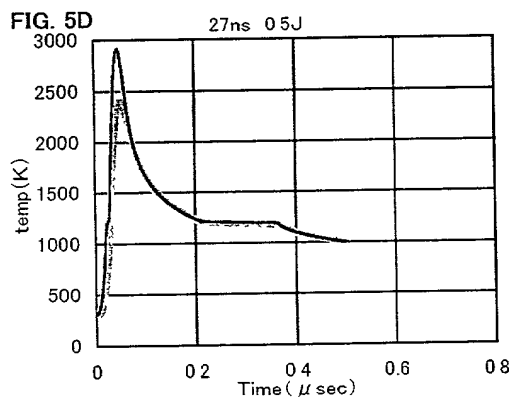
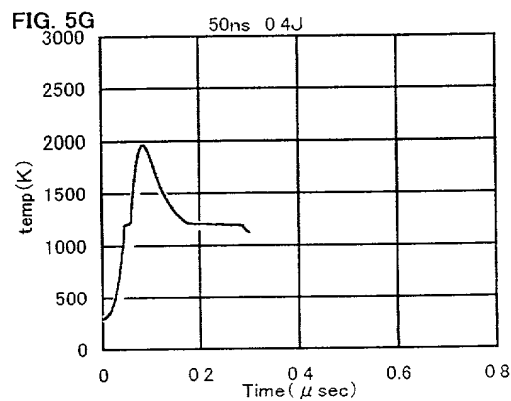
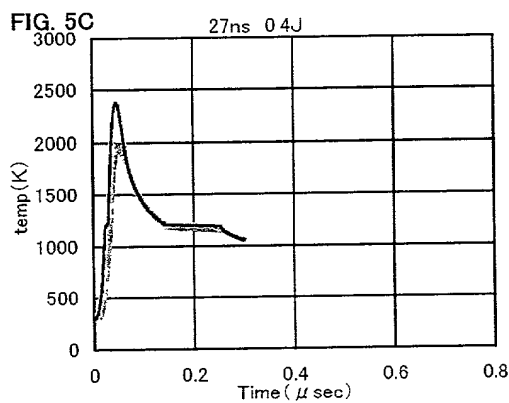
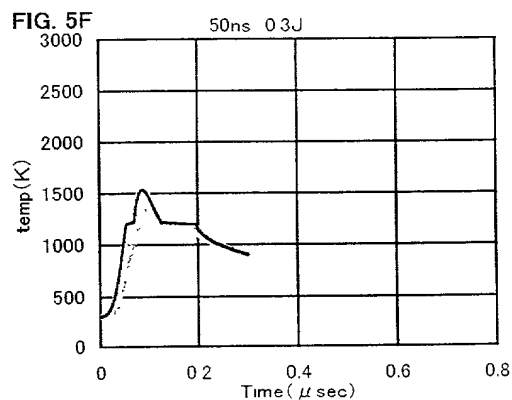
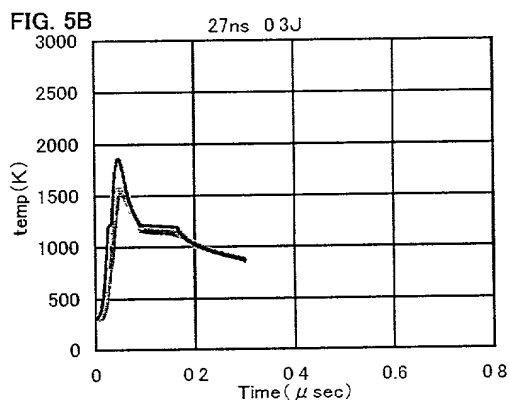
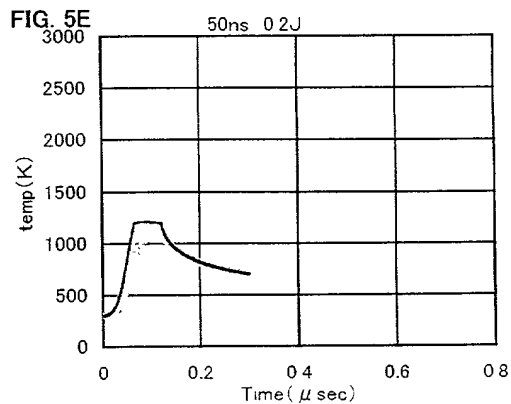
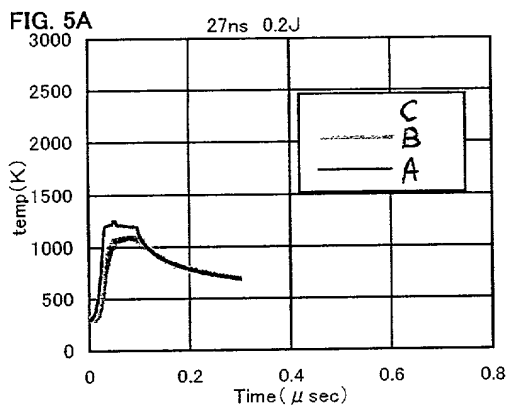
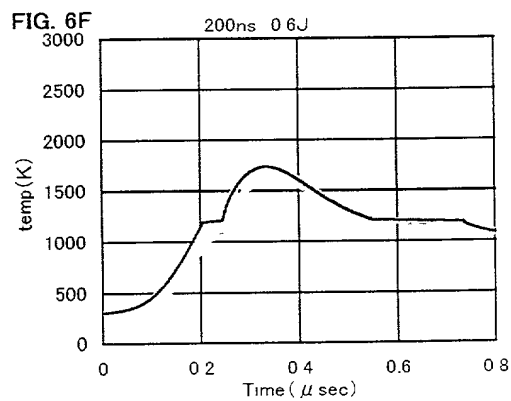
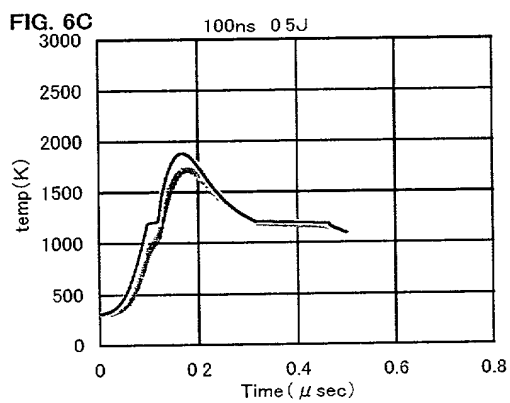
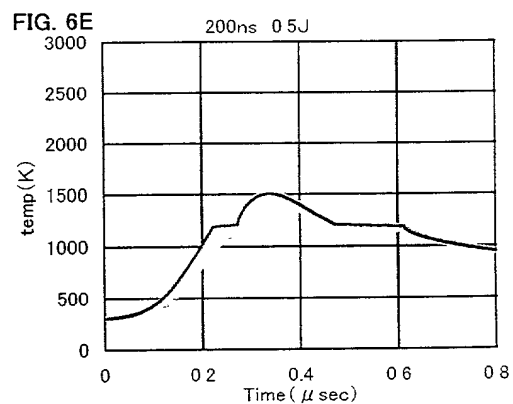
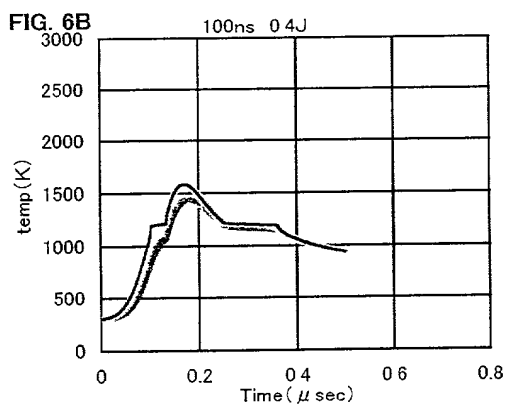
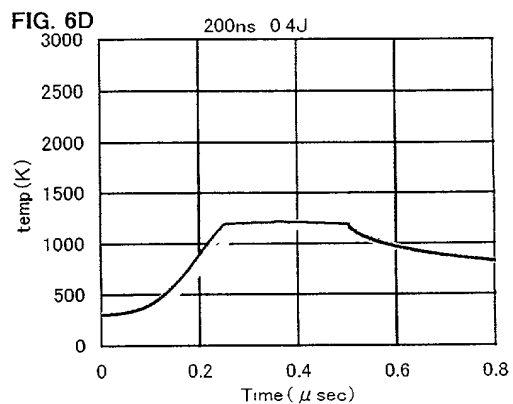
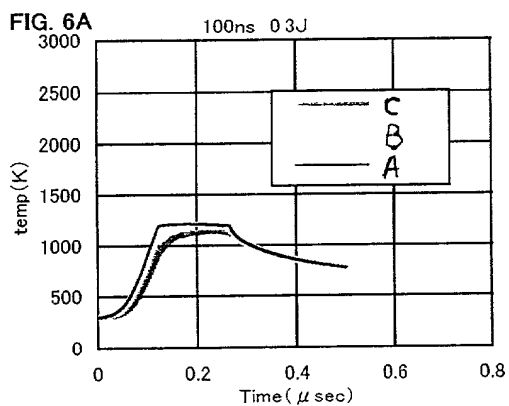


FIG. 3







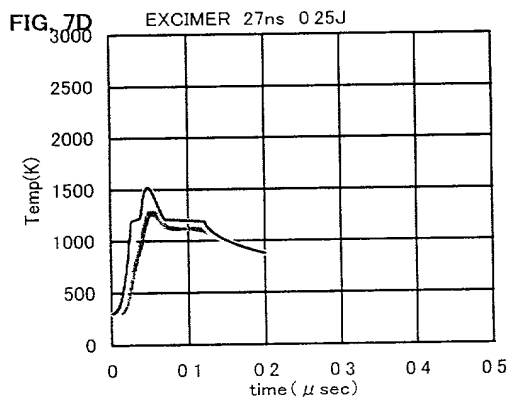
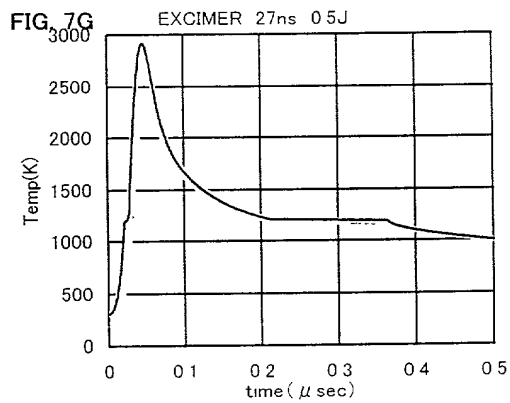
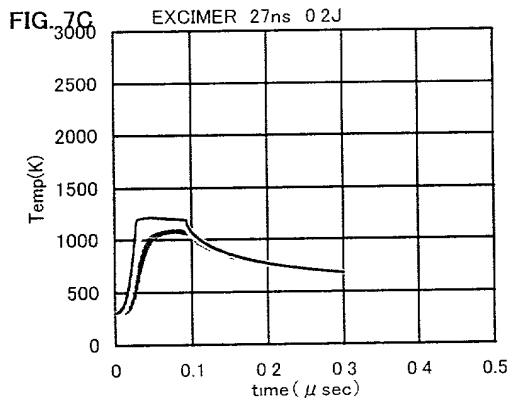
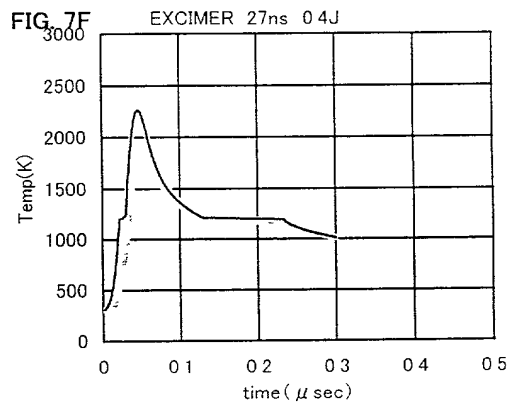
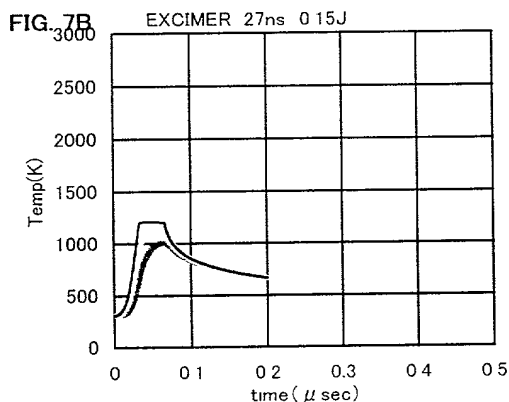
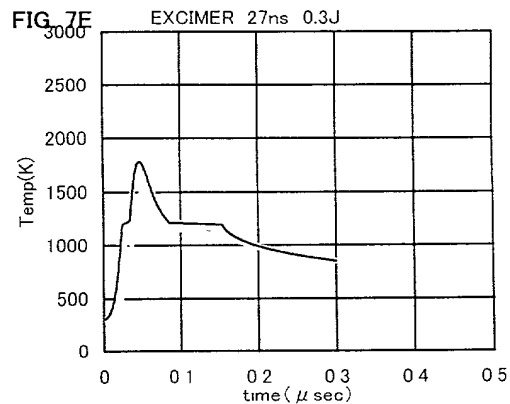
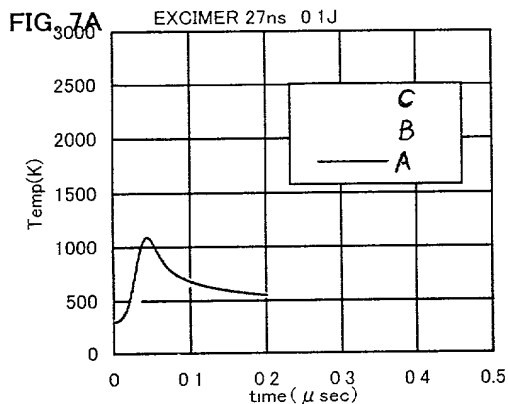


FIG. 8A

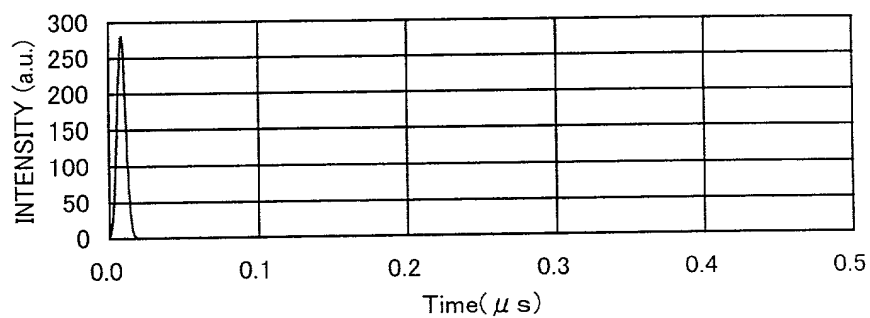


FIG. 8C

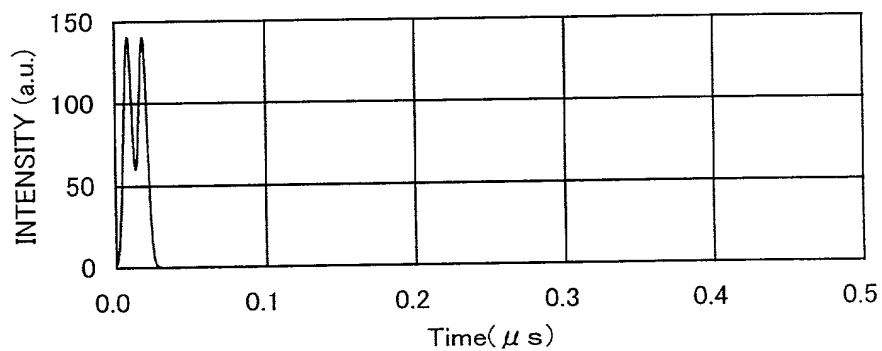


FIG. 8C

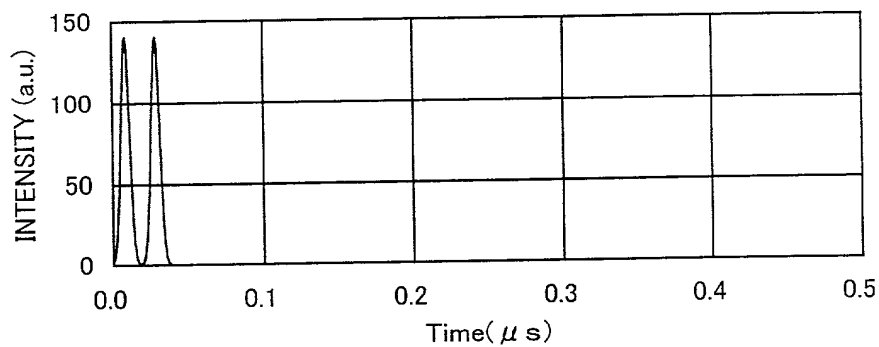


FIG. 8D

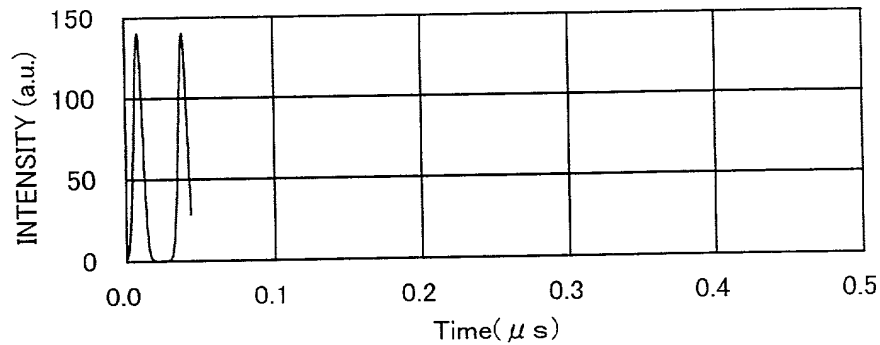




FIG. 9.A YAG single 0.05J

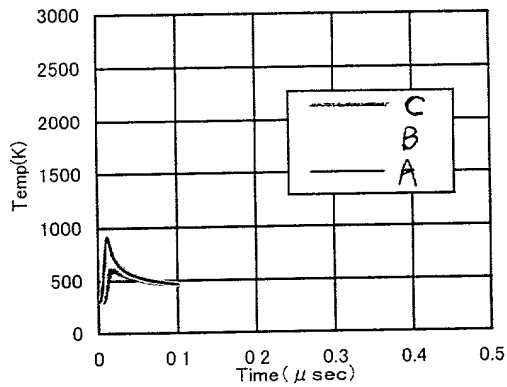


FIG. 9.D YAG single 0.2J

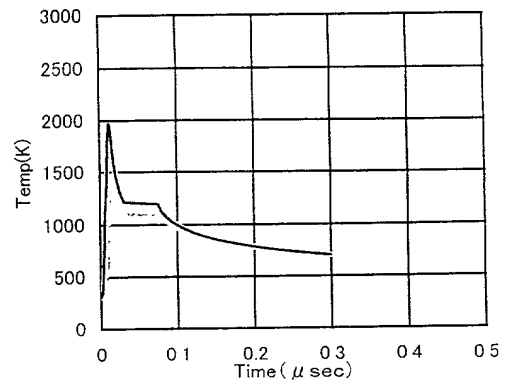


FIG. 9.B YAG single 0.1J

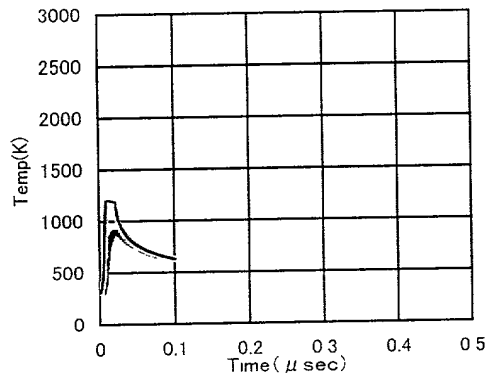


FIG. 9.E YAG single 0.3J

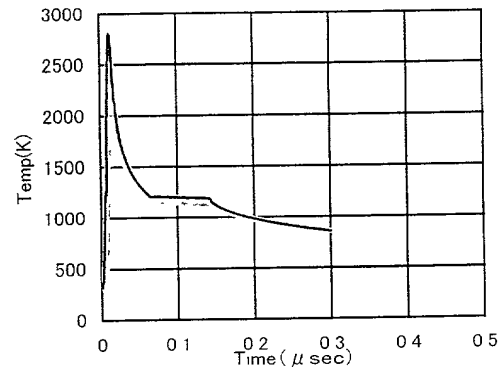


FIG. 9.C YAG single 0.15J

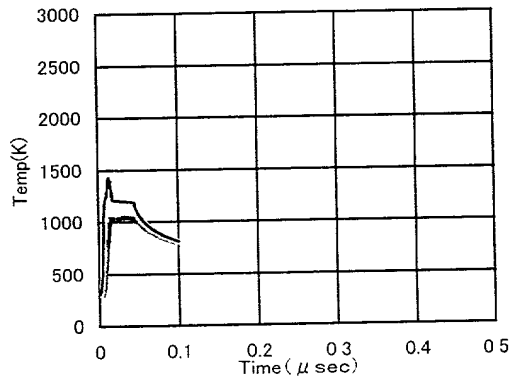


FIG. 9.F YAG single 0.4J

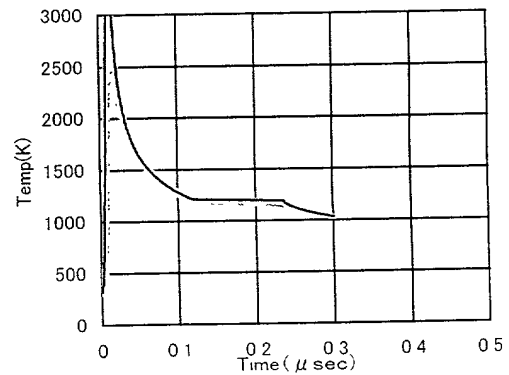


FIG. 10A W PULSE DELAY 10ns 0.2J

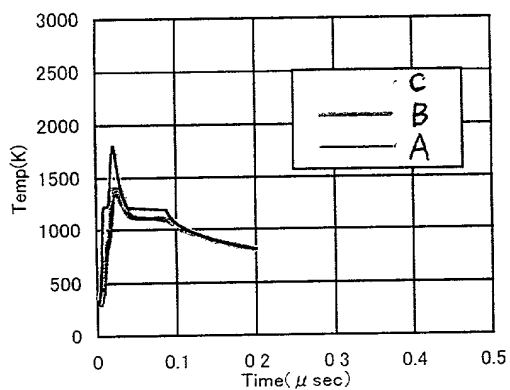


FIG. 10.D W PULSE DELAY 20ns 0.2J

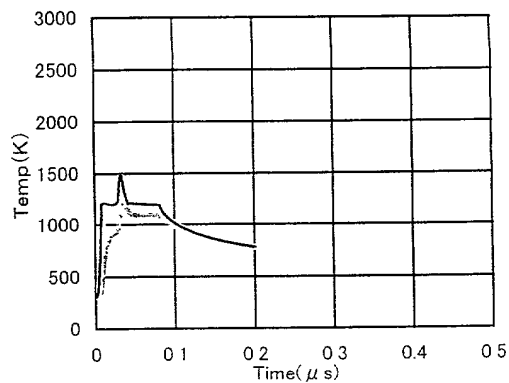


FIG. 10.B W PULSE DELAY 10ns 0.3J

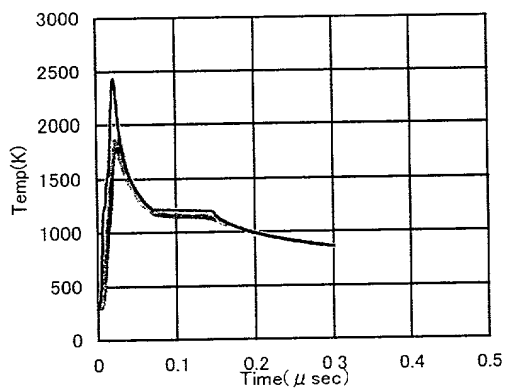


FIG. 10.E W PULSE DELAY 20ns 0.3J

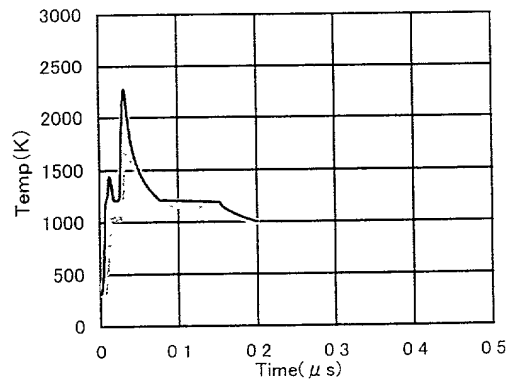


FIG. 10.C W PULSE DELAY 10ns 0.4J

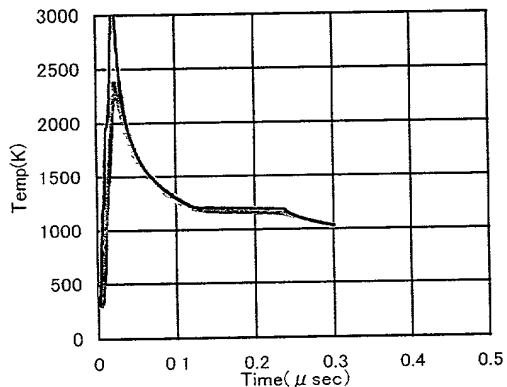


FIG. 10F W PULSE DELAY 20ns 0.4J

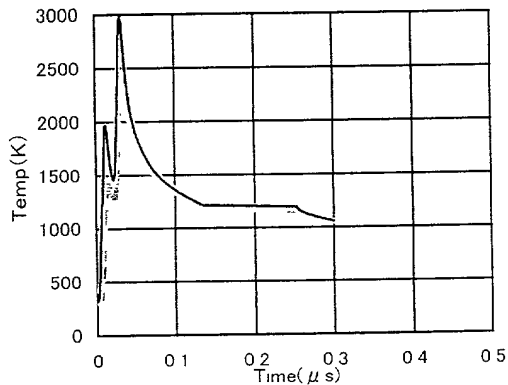


FIG. 11A W PULSE DELAY 30ns 0.2J

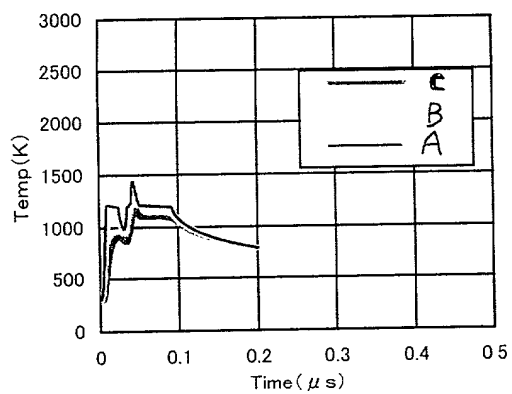


FIG. 11B W PULSE DELAY 30ns 0.3J

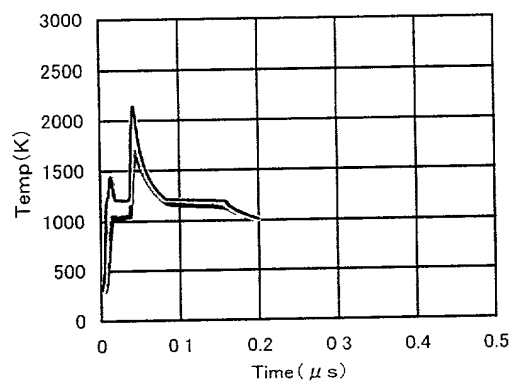
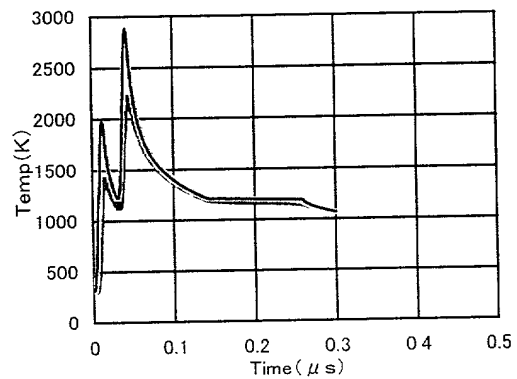


FIG. 11C W PULSE DELAY 30ns 0.4J



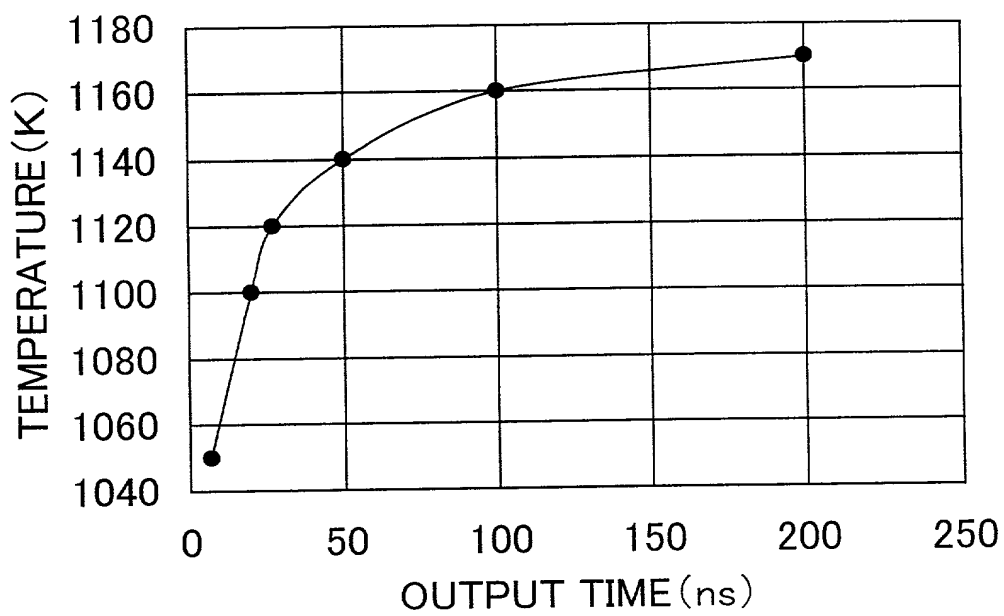


FIG. 12



FIG.13



FIG.14

10034022 122001

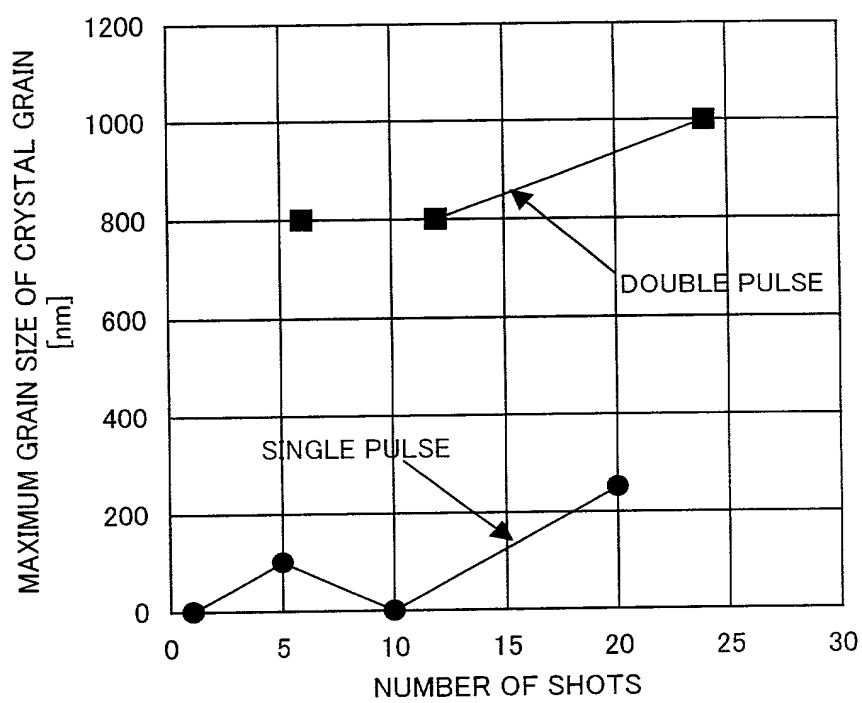


FIG. 15

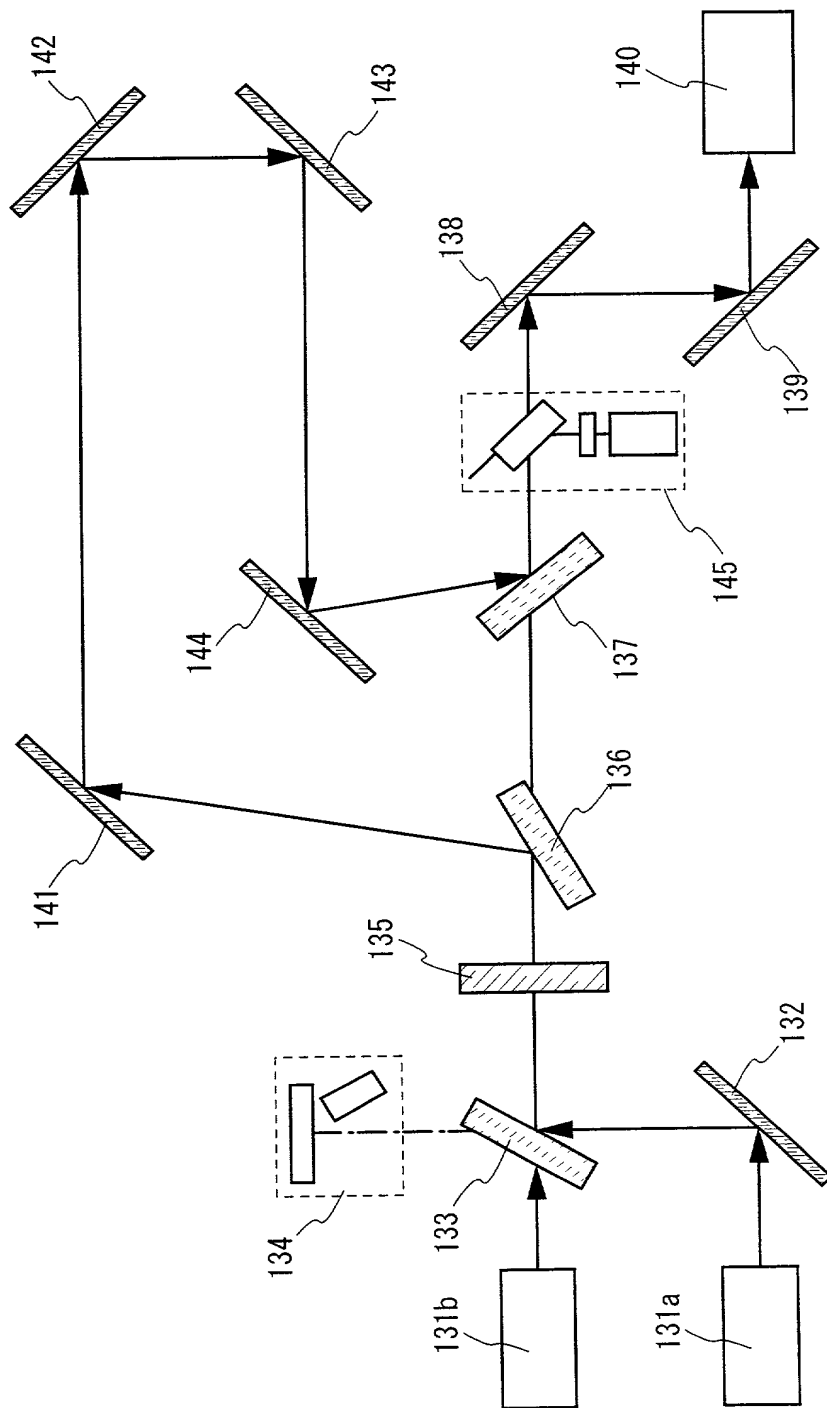


FIG. 16

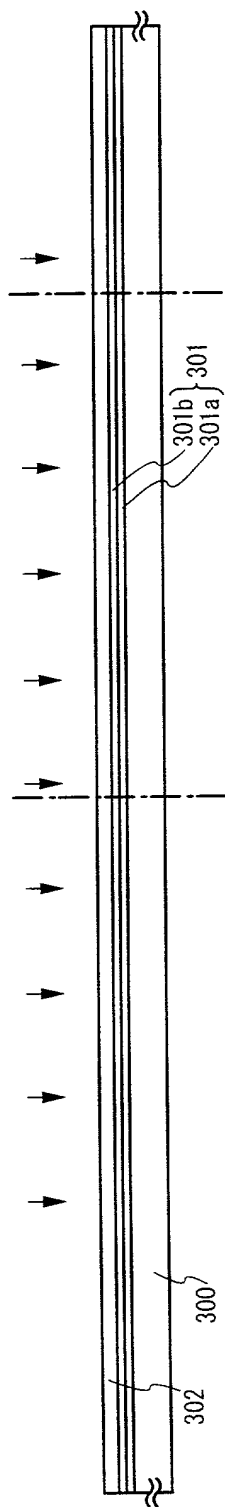


FIG. 17A

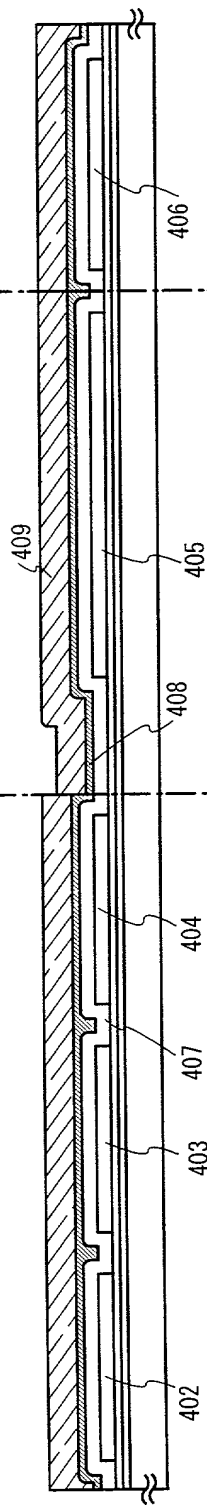


FIG. 17B

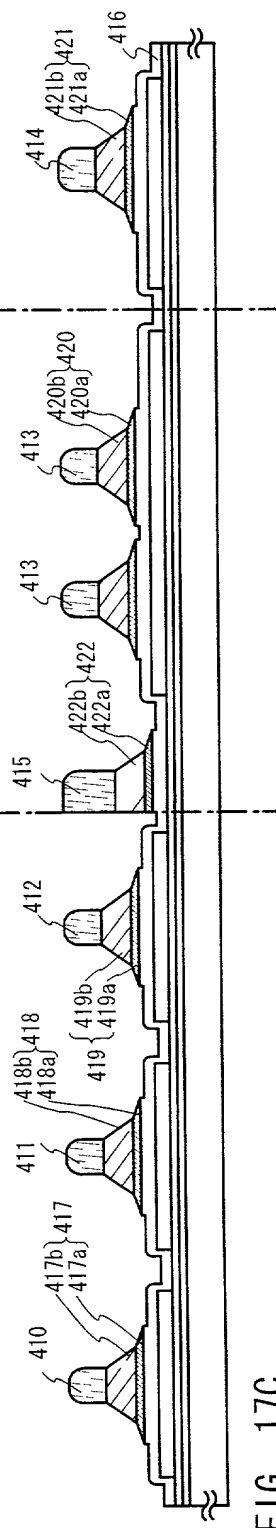


FIG. 17C



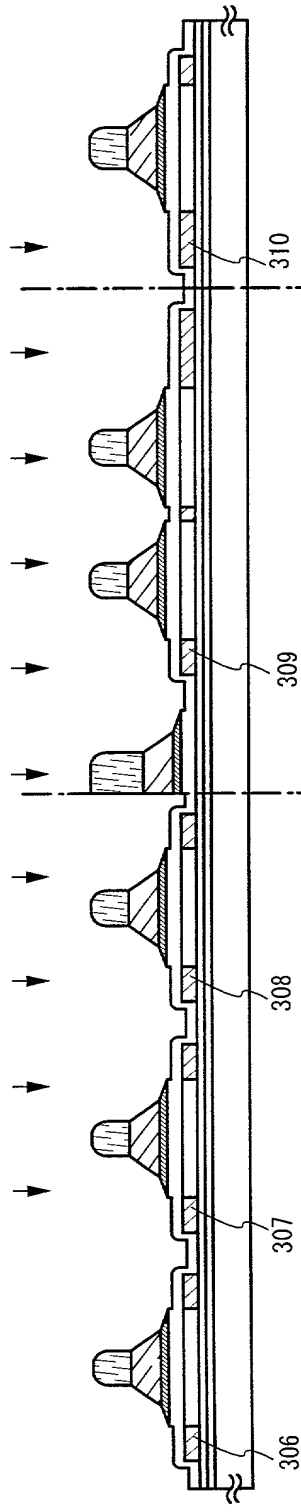


FIG. 18A

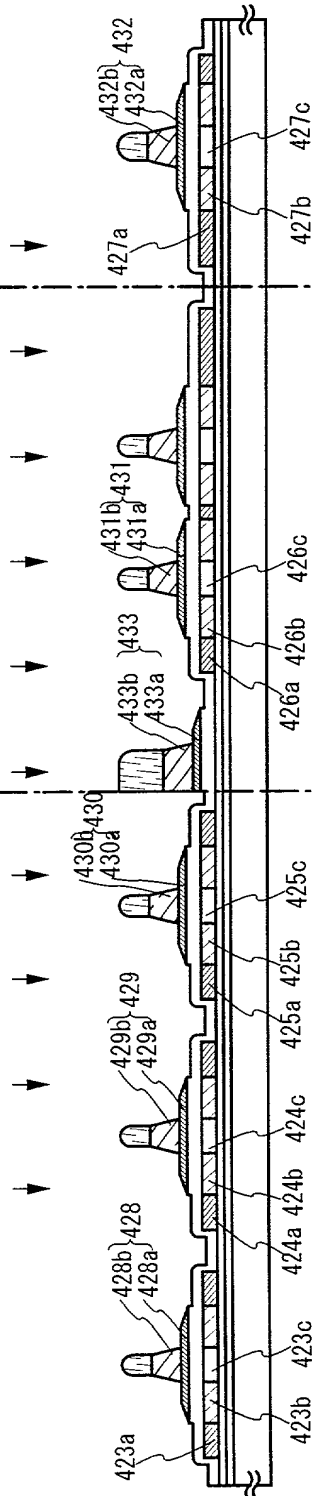


FIG. 18B

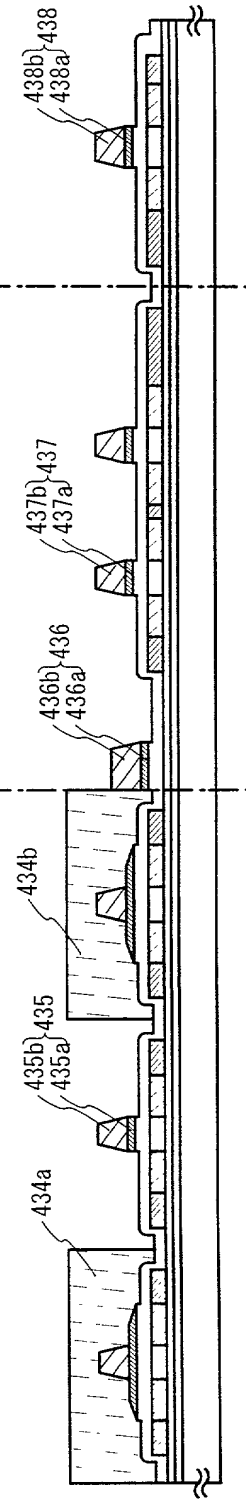


FIG. 18C

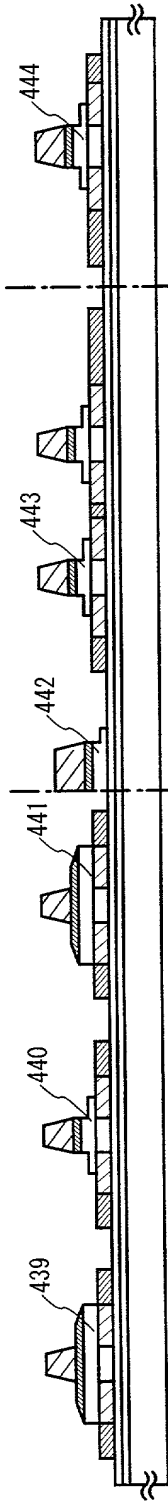


FIG. 19A

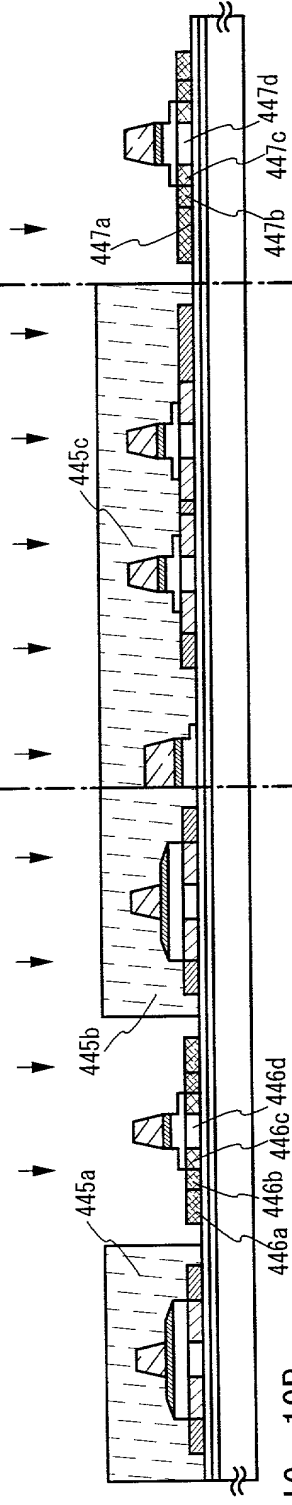


FIG. 19B

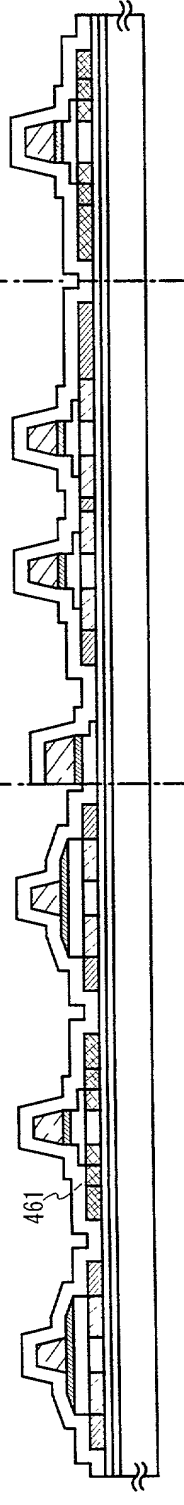


FIG. 19C

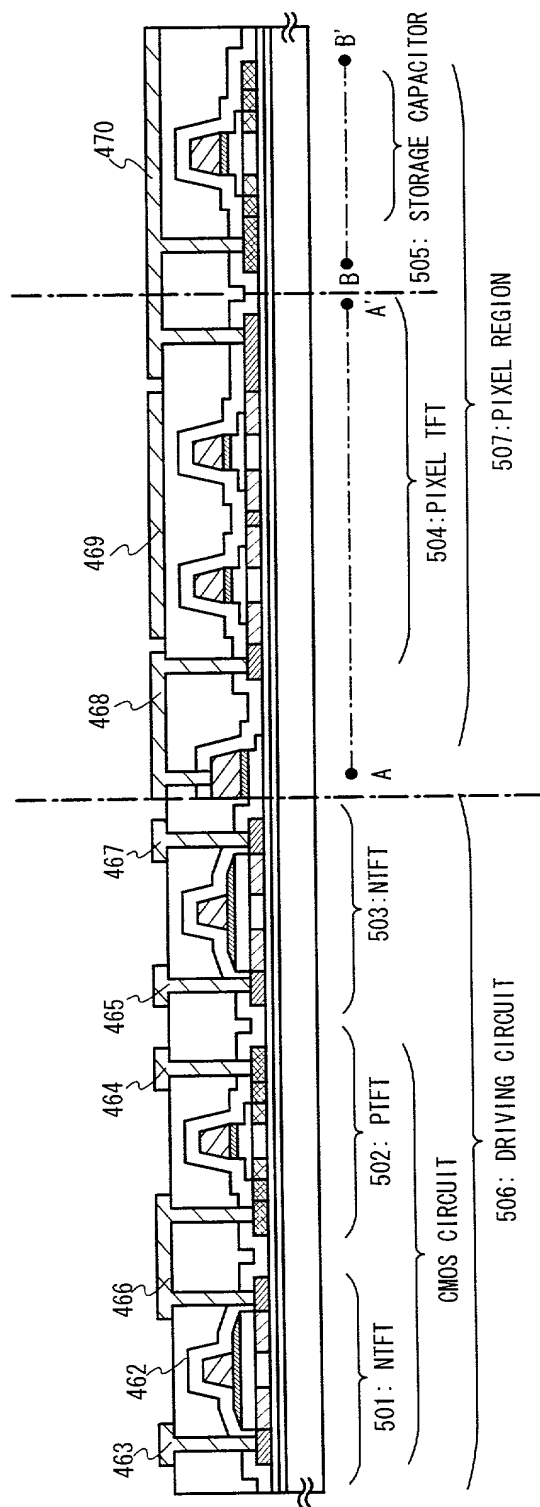


FIG. 20

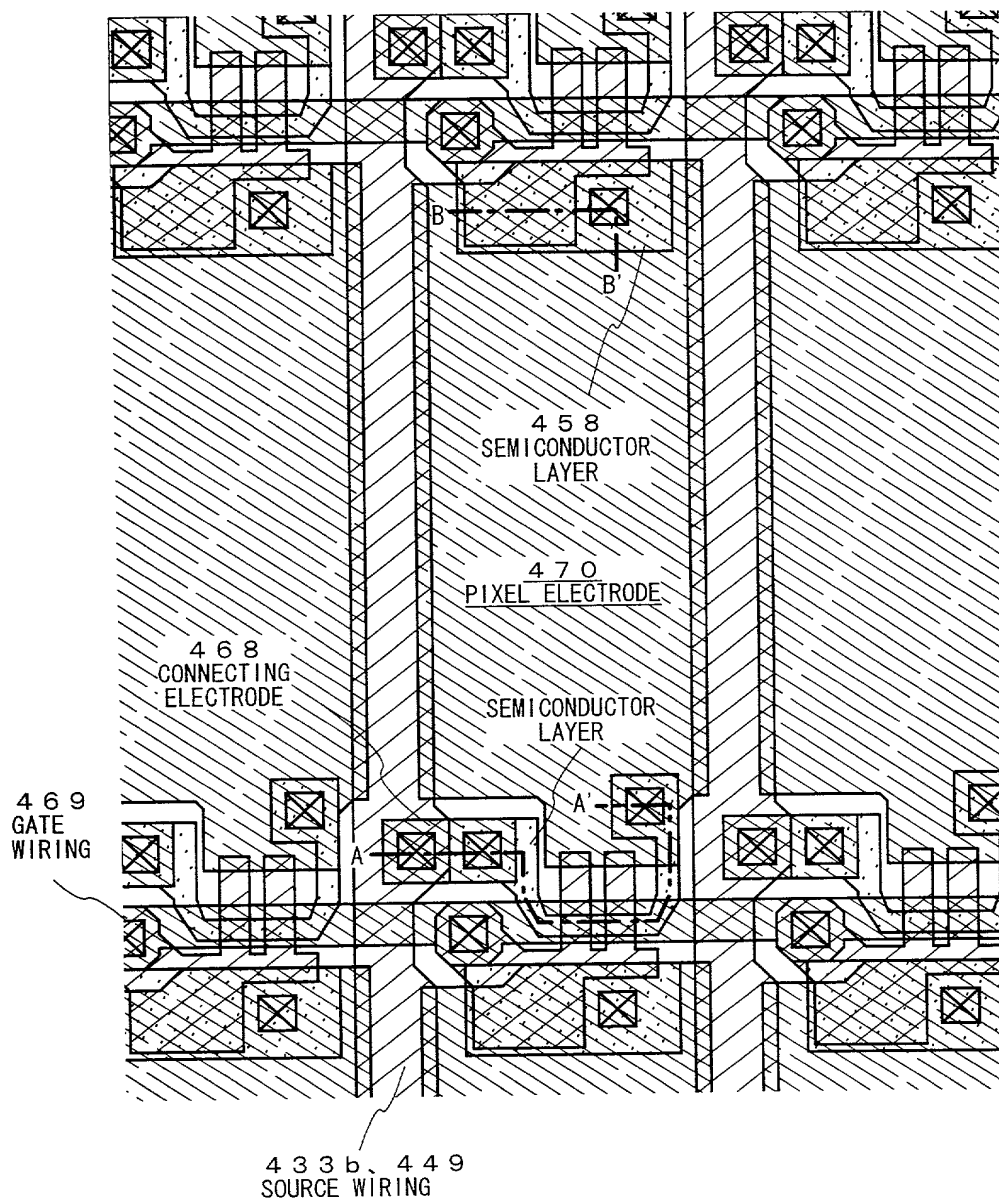


FIG. 21

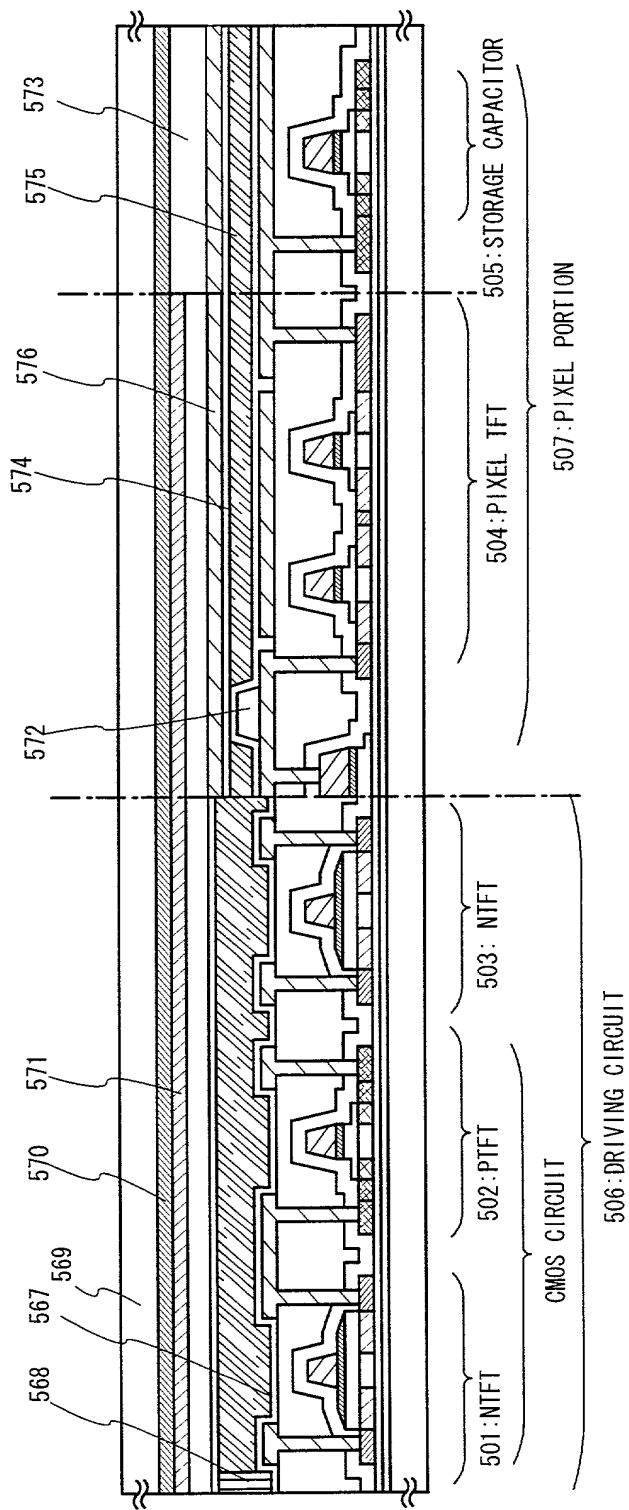


FIG. 22

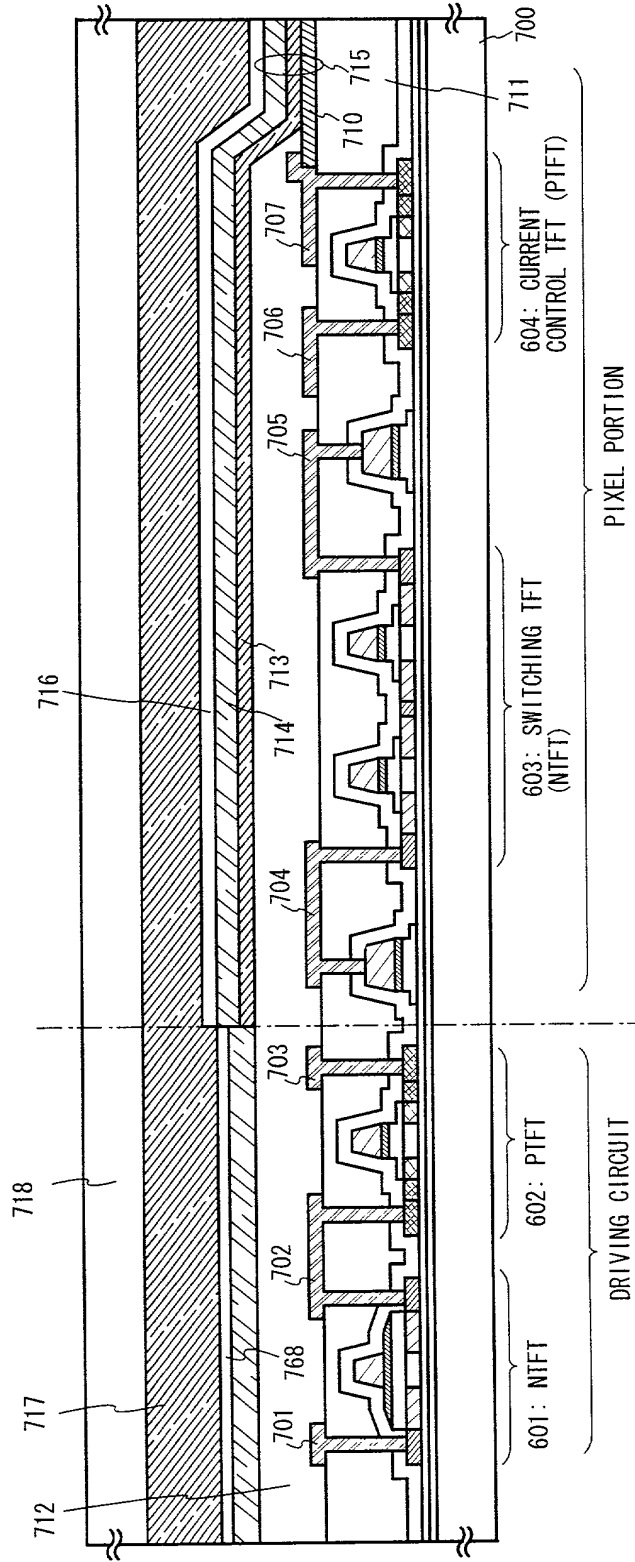


FIG. 23

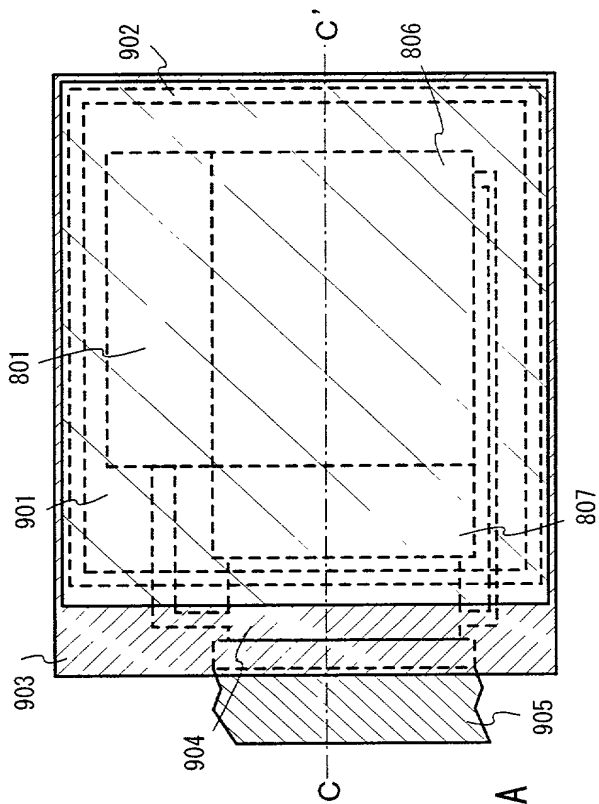


FIG. 24A

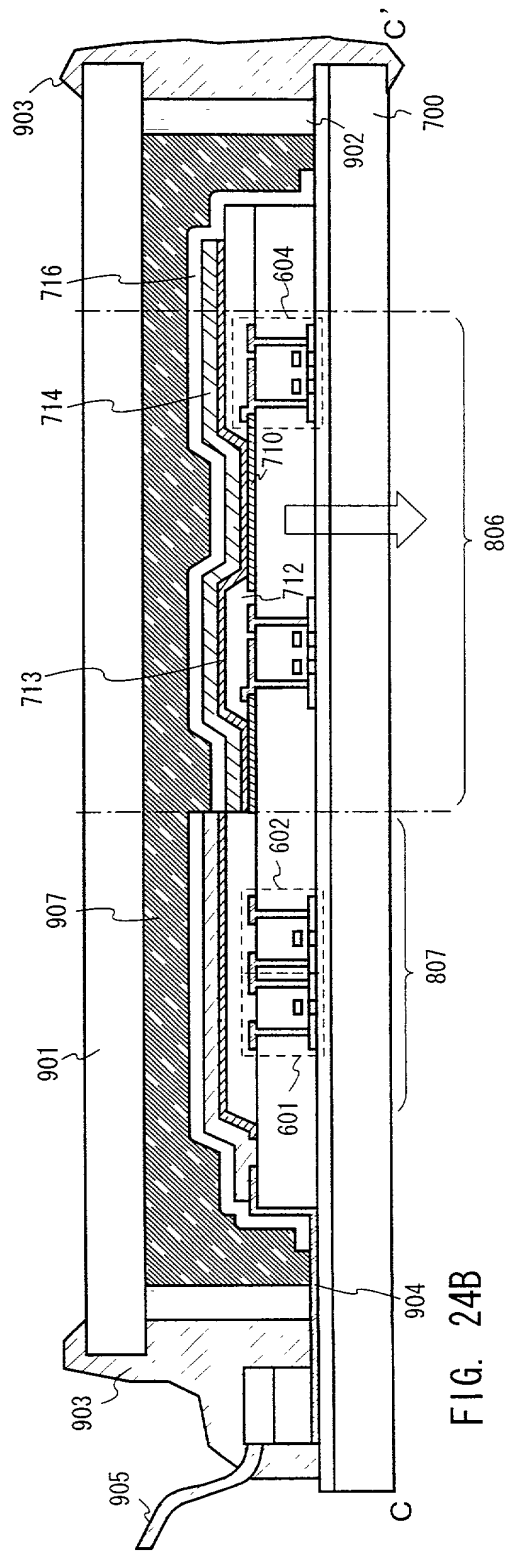


FIG. 24B

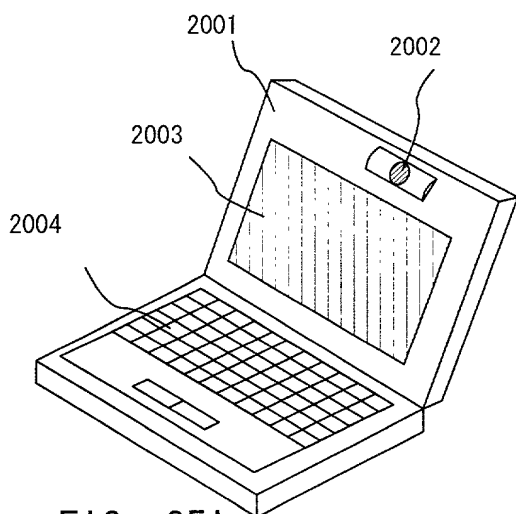


FIG. 25A

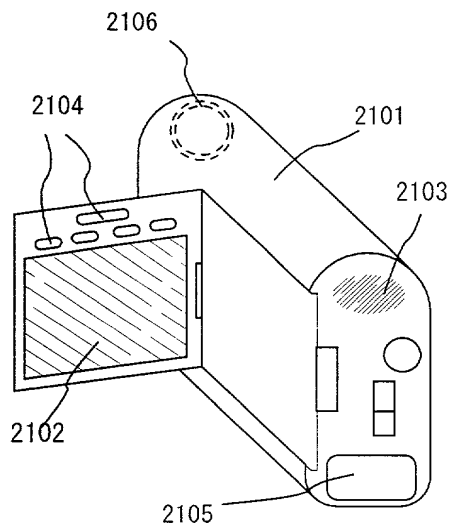


FIG. 25B

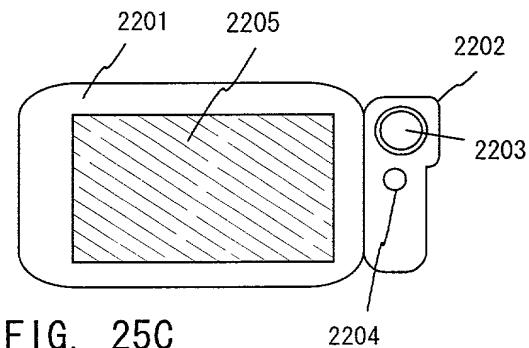


FIG. 25C

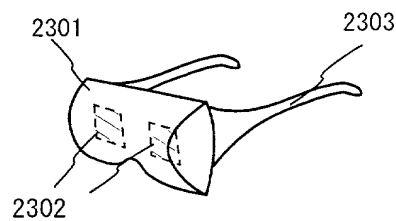


FIG. 25D

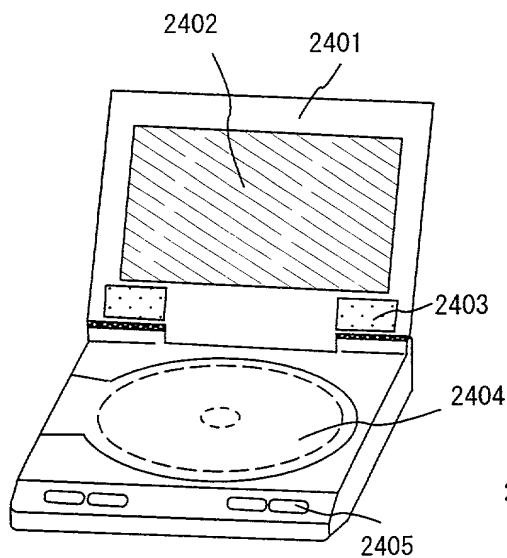


FIG. 25E

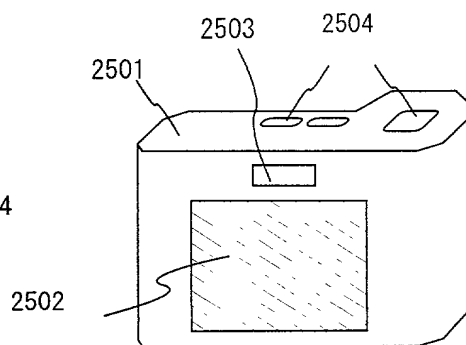


FIG. 25F



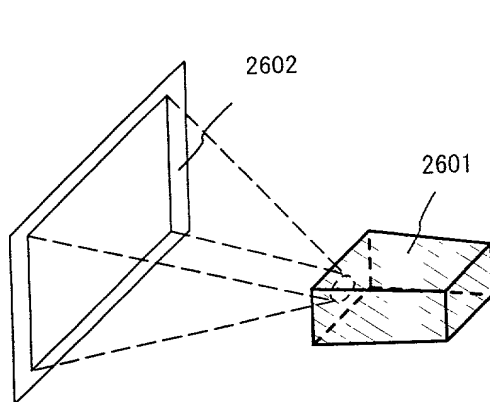


FIG. 26A

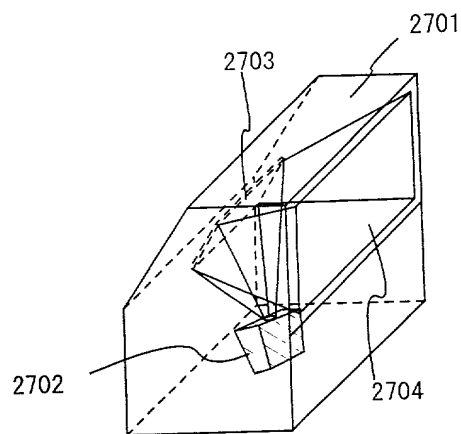


FIG. 26B

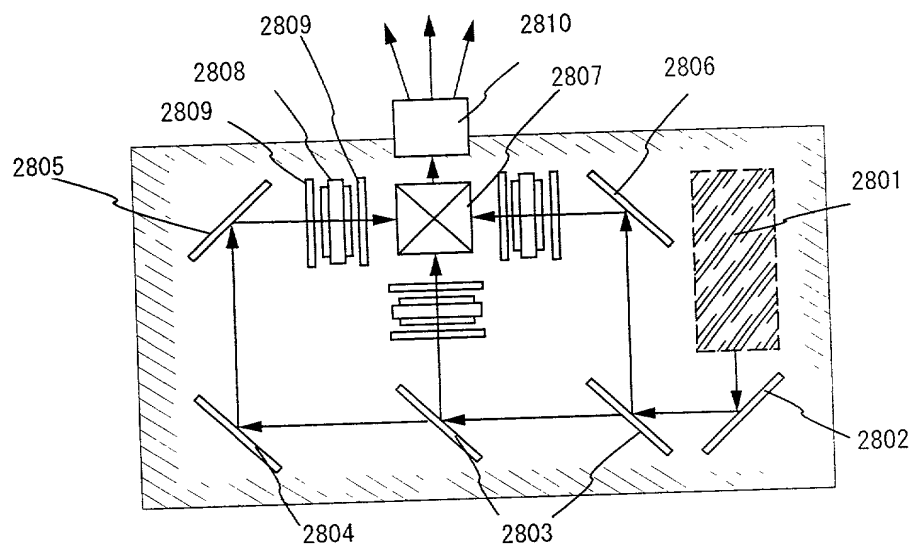


FIG. 26C

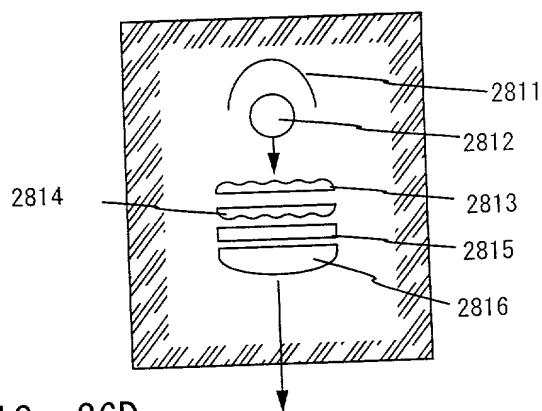
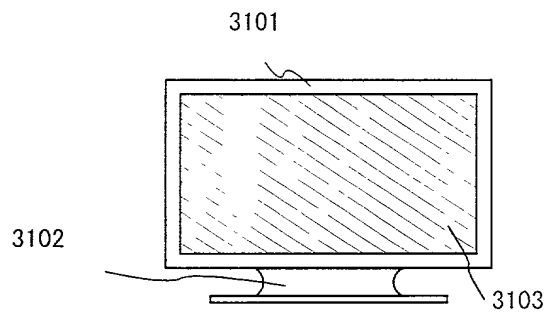
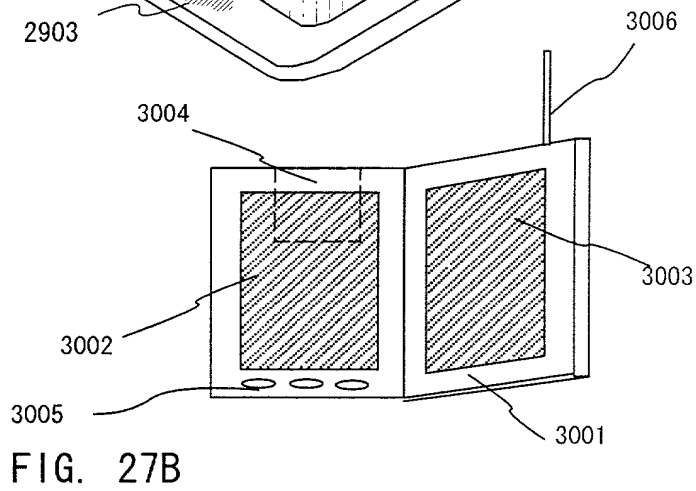
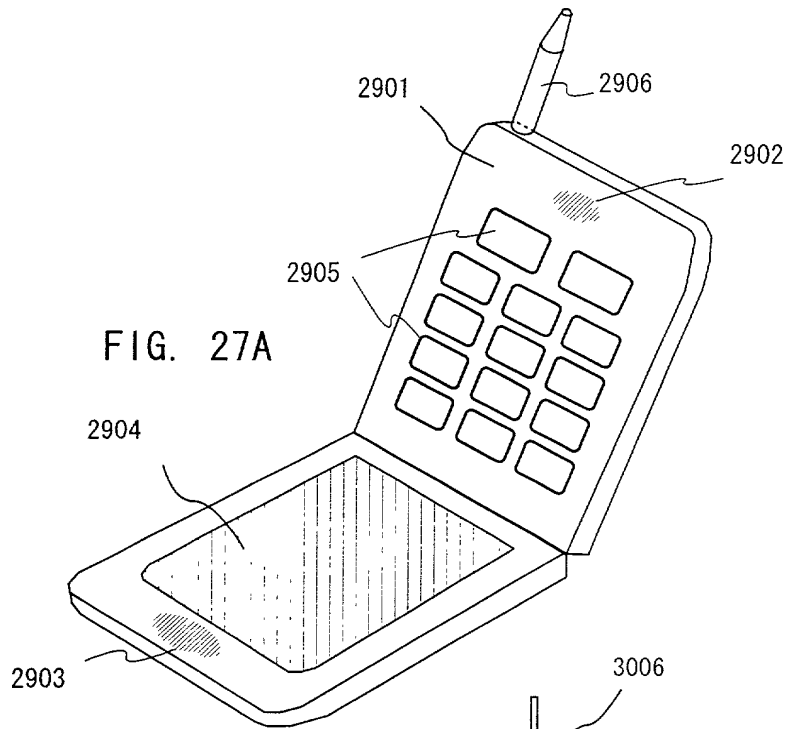


FIG. 26D



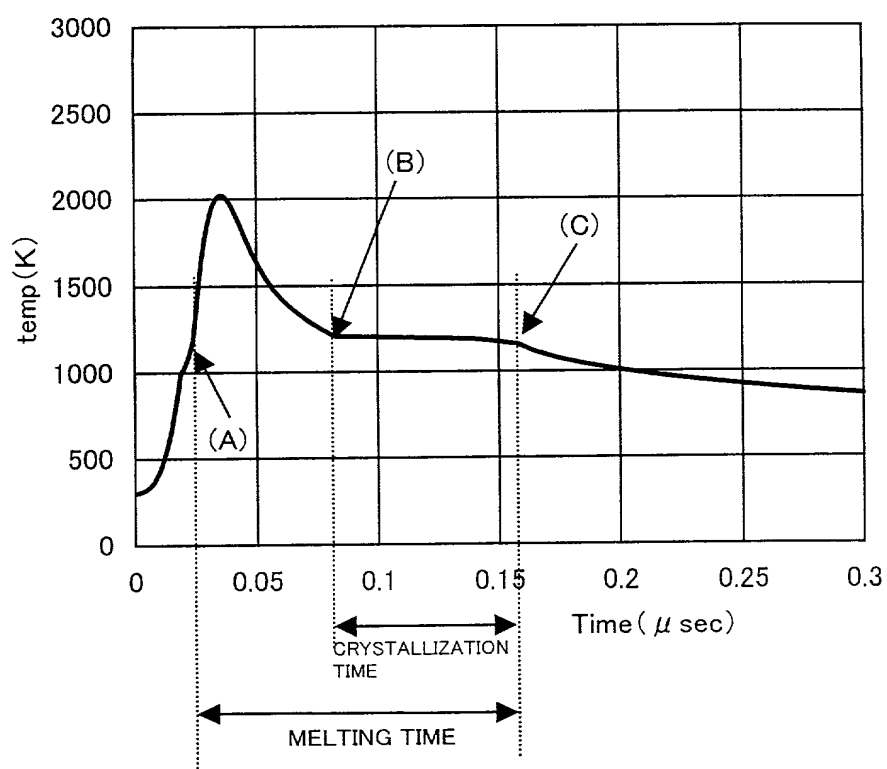


FIG. 28

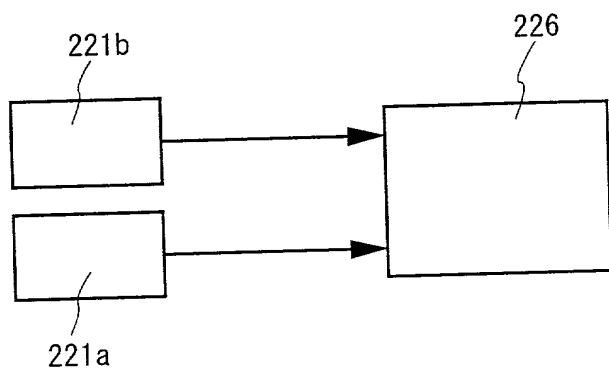


FIG. 29